

SEQUENCE LISTING



<110> Greenfield et al., Susan A.

<120> PEPTIDE FROM SOLUBLE FORM OF ACETYLCHOLINESTERASE,
ACTIVE AS A CALCIUM CHANNEL MODULATOR

<130> 98-0967*/WMC/00263

<140> 09/155,076

<141> 1998-09-21

<160> 14

Sub C |<170> PatentIn Ver. 2.0

<210> 1

<211> 14

<212> PRT

<213> Artificial Sequence

b |<220>

<223> Description of Artificial Sequence: PEPTIDE

<400> 1

Ala Glu Phe His Arg Trp Ser Ser Tyr Met Val His Trp Lys
1 5 10

<210> 2

<211> 16

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PEPTIDE

<400> 2

Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
1 5 10 15

<210> 3

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PEPTIDE

<400> 3

Tyr Met Val His
1

<210> 4

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PEPTIDE

<400> 4

Met Val His Trp
1

<210> 5

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: PEPTIDE

<400> 5

Val His Trp Lys
1

<210> 6

<211> 44

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: POLYPEPTIDE

<400> 6

Leu Ser Ala Thr Asp Thr Leu Asp Glu Ala Glu Arg Gln Trp Lys Ala
1 5 10 15

Glu Phe His Arg Trp Ser Ser Tyr Met Val His Trp Lys Asn Gln Phe
20 25 30

Asp His Tyr Ser Lys Gln Asp Arg Cys Ser Asp Leu
35 40

<210> 7
<211> 54
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: POLYPEPTIDE

<400> 7
Ala Phe Trp Asn Arg Phe Leu Pro Lys Leu Leu Ser Ala Thr Asp Thr
1 5 10 15

Leu Asp Glu Ala Glu Arg Gln Trp Lys Ala Glu Phe His Arg Trp Ser
20 25 30

Ser Tyr Met Val His Trp Lys Asn Gln Phe Asp His Tyr Ser Lys Gln
35 40 45

Asp Arg Cys Ser Asp Leu
50

<210> 8
<211> 44
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: POLYPEPTIDE

<400> 8
Leu Ser Ala Thr Asp Thr Leu Asp Glu Ala Glu Arg Gln Trp Lys Ala
1 5 10 15

Glu Phe His Arg Trp Ser Ser Tyr Met Val His Trp Lys Asn Gln Phe
20 25 30

Asp His Tyr Ser Lys Gln Glu Arg Cys Ser Asp Leu
35 40

<210> 9
<211> 44
<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: POLYPEPTIDE

<400> 9

Leu Ser Ala Thr Asp Thr Leu Asp Glu Ala Glu Arg Gln Trp Lys Ala
1 5 10 15

Glu Phe His Arg Trp Ser Ser Tyr Met Val His Trp Lys Asn Gln Phe
20 25 30

Asp His Tyr Ser Lys Gln Glu Arg Cys Ser Asp Leu
35 40

<210> 10

<211> 53

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: POLYPEPTIDE

<400> 10

Phe Trp Asn Arg Phe Leu Pro Lys Leu Leu Asn Ala Thr Asp Thr Leu
1 5 10 15

Asp Glu Ala Glu Arg Gln Trp Lys Ala Glu Phe His Arg Trp Ser Ser
20 25 30

Tyr Met Val His Trp Lys Asn Gln Phe Asp His Tyr Ser Lys Gln Asp
35 40 45

Arg Cys Ser Asp Leu

50

<210> 11

<211> 42

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: POLYPEPTIDE

<400> 11

Thr Gly Asn Ile Asp Glu Ala Glu Trp Glu Trp Lys Ala Gly Phe His

1

5

10

15

Arg Trp Asn Asn Tyr Met Asn Asp Trp Lys Asn Gln Phe Asn Asp Tyr
20 25 30

Thr Ser Lys Lys Glu Ser Cys Val Gly Leu
35 40

<210> 12

<211> 47

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: POLYPEPTIDE

<400> 12

Lys Val Leu Glu Met Thr Gly Asn Ile Asp Glu Ala Glu Gln Glu Trp
1 5 10 15

Lys Ala Gly Phe His Arg Trp Asn Asn Tyr Met Asn Ala Trp Lys Asn
20 25 30

Asn Phe Asn Asp Tyr Thr Ser Lys Lys Glu Arg Cys Ala Gly Phe
35 40 45

<210> 13

<211> 43

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: POLYPEPTIDE

<400> 13

Met Thr Gly Asp Ile Asp Glu Thr Glu Gln Glu Trp Lys Ala Gly Phe
1 5 10 15

His Arg Trp Ser Asn Tyr Met Asn Asp Trp Gln Asn Gln Phe Asn Asp
20 25 30

Tyr Thr Ser Lys Lys Glu Ser Cys Thr Ala Leu
35 40

<210> 14

<211> 70
<212> PRT
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: POLYPEPTIDE

<400> 14

Ser Gly Leu Thr Asn Ile Lys Thr Glu Glu Ile Ser Glu Tyr Lys Met
1 5 10 15

Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
20 25 30

Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
35 40 45

Gly Leu Met Val Gly Val Val Ile Ala Thr Val Ile Val Ile Thr
50 55 60

Leu Val Met Leu Lys Lys
65 70

B /
cont